

## PARTNERSHIPS FOR MULTILAYER COATING OPTICAL-GRADE DISPLAY

Carestream leverages 100+ years of precision coating innovation and a deep history of manufacturing high-quality medical imaging films to meet the stringent requirements for custom coating optical-grade display films.

Partners utilize our multilayer coating expertise, manufacturing assets and new product commercialization processes to achieve process development advantages. Our rigorous production release process features 100% automated in-line optical inspection, extensive analytical testing and clean room practices to dramatically improve the performance and reduce the cost of a variety of functional films including light management, optically clear adhesives, hardcoat, transparent conductive and more.

#### Display Coating Capabilities:

- Precision, multilayer coating
- Clean room to meet stringent optical and cosmetic requirements
- 100% automated optical inspection
- Supply chain service to Asia
- In-line lamination
- Long dryer / ovens
- UV and thermal curing
- On-site mixing of the formulation(s)
- Low to high viscosity and filled or unfilled formulations
- Thickness uniformity within  $\pm 5\%$

#### Process Development Advantages:

- Experience with multiple display applications
- Product development and commercialization expertise
- Established relationships with substrate and chemical suppliers

#### Custom Display Product Expertise:

- Optically clear adhesives
- Hardcoat and functional films
- Light management films
- Transparent conductive films using AgNWs, CNTs, conductive polymers, etc.
- Phosphor and quantum dot coatings
- Anti-glare, anti-newton ring and anti-reflection coatings



### ABOUT CARESTREAM

#### Precision Multilayer Coating Partnerships

Building on more than 100 years of precision multilayer coating leadership, Carestream applies aqueous and solvent coating proficiency at bench, pilot and production-scale manufacturing for optimal product design, technology integration and manufacturability. Partners leverage Carestream's coating expertise, manufacturing assets and new product commercialization processes to develop precision-coated and cast film applications for a wide range of energy storage, display, medical, optical, electronic and other advanced materials products. Carestream actively seeks growth partnerships, which combine customer product IP and market channels with its high-speed roll-to-roll processing, quality systems and worldwide presence to bring new products through commercialization quickly and efficiently.

For more information, contact **541.831.7374** or **info@tollcoating.com** to learn how a Carestream partnership can economically move your display products from concept to full production.